J Clin Epidemiol Vol. 56, No. 12, pp. 1248–1260, 2003
Copyright © 2003 Elsevier Science Inc. All rights reserved.

ELSEVIER

0895-4356/03 $–see front matter

VOLUME 56

LIST OF CONTENTS

Number 1

Commentary

Jon R. Kelley and **John M. Duggan** 1 Gastric cancer epidemiology and risk factors

Original Articles

Kate M. Dunn, Kelvin Jordan, and **Peter R. Croft** 10 Does questionnaire structure influence response in postal surveys?

Elizabeth B. Fortescue, Katherine Kahn, and **David W. Bates** 17 Major adverse outcomes after percutaneous transluminal coronary angioplasty: a clinical prediction rule

Taane G. Clark and **Douglas G. Altman** 28 Developing a prognostic model in the presence of missing data: an ovarian cancer case study

Yin Bun Cheung, Fei Gao, and **Kei Siong Khoo** 38 Age at diagnosis and the choice of survival analysis methods in cancer epidemiology

Catherine H. MacLean, Sally C. Morton, Joshua J. Ofman, Elizabeth A. Roth, and **Paul G. Shekelle, for the Southern California Evidence-Based Practice Center** 44 How useful are unpublished data from the Food and Drug Administration in meta-analysis?

Samuel Wiebe, Gordon Guyatt, Bruce Weaver, Suzan Matijevic, and **Casey Sidwell** 52 Comparative responsiveness of generic and specific quality-of-life instruments

Johan Marinus, Martine Visser, Pablo Martínez-Martín, Jacobus J. (Bob) van Hilten, and **Anne M. Stiggelbout** 61 A short psychosocial questionnaire for patients with Parkinson's disease: the SCOPA-PS

Ray Fitzpatrick, Josephine M. Norquist, Jill Dawson, and **Crispin Jenkinson** 68 Rasch scoring of outcomes of total hip replacement

Kenneth G. Schellhase, Thomas D. Koepsell, Noel S. Weiss, Edward H. Wagner, and **Gayle E. Reiber** 75 Glucose screening and the risk of complications in Type 2 diabetes mellitus

Tracie C. Collins, Nancy J. Petersen, Terri J. Menke, Julianne Souchek, Wednesday Foster, and **Carol M. Ashton** 81 Short-term, intermediate-term, and long-term mortality in patients hospitalized for stroke

Henrik Toft Sørensen, Ane Marie Thulstrup, Lene Mellemkjar, Peter Jepsen, Erik Christensen, Jørgen H. Olsen, and **Hendrik Vilstrup** 88 Long-term survival and cause-specific mortality in patients with cirrhosis of the liver: a nationwide cohort study in Denmark

Der-Min Wu, Nain-Feng Chu, Muh-Han Shen, and **Jin-Biou Chang** 94 Plasma C-reactive protein levels and their relationship to anthropometric and lipid characteristics among children

J Clin Epidemiol Vol. 56, No. 12, pp. 1248–1260, 2003
Copyright © 2003 Elsevier Science Inc. All rights reserved.

ELSEVIER

0895-4356/03 $–see front matter

VOLUME 56

LIST OF CONTENTS

Number 1

Commentary

Jon R. Kelley and **John M. Duggan** 1 Gastric cancer epidemiology and risk factors

Original Articles

Kate M. Dunn, Kelvin Jordan, and **Peter R. Croft** 10 Does questionnaire structure influence response in postal surveys?

Elizabeth B. Fortescue, Katherine Kahn, and **David W. Bates** 17 Major adverse outcomes after percutaneous transluminal coronary angioplasty: a clinical prediction rule

Taane G. Clark and **Douglas G. Altman** 28 Developing a prognostic model in the presence of missing data: an ovarian cancer case study

Yin Bun Cheung, Fei Gao, and **Kei Siong Khoo** 38 Age at diagnosis and the choice of survival analysis methods in cancer epidemiology

Catherine H. MacLean, Sally C. Morton, Joshua J. Ofman, Elizabeth A. Roth, and **Paul G. Shekelle, for the Southern California Evidence-Based Practice Center** 44 How useful are unpublished data from the Food and Drug Administration in meta-analysis?

Samuel Wiebe, Gordon Guyatt, Bruce Weaver, Suzan Matijevic, and **Casey Sidwell** 52 Comparative responsiveness of generic and specific quality-of-life instruments

Johan Marinus, Martine Visser, Pablo Martínez-Martín, Jacobus J. (Bob) van Hilten, and **Anne M. Stiggelbout** 61 A short psychosocial questionnaire for patients with Parkinson's disease: the SCOPA-PS

Ray Fitzpatrick, Josephine M. Norquist, Jill Dawson, and **Crispin Jenkinson** 68 Rasch scoring of outcomes of total hip replacement

Kenneth G. Schellhase, Thomas D. Koepsell, Noel S. Weiss, Edward H. Wagner, and **Gayle E. Reiber** 75 Glucose screening and the risk of complications in Type 2 diabetes mellitus

Tracie C. Collins, Nancy J. Petersen, Terri J. Menke, Julianne Souchek, Wednesday Foster, and **Carol M. Ashton** 81 Short-term, intermediate-term, and long-term mortality in patients hospitalized for stroke

Henrik Toft Sørensen, Ane Marie Thulstrup, Lene Mellemkjar, Peter Jepsen, Erik Christensen, Jørgen H. Olsen, and **Hendrik Vilstrup** 88 Long-term survival and cause-specific mortality in patients with cirrhosis of the liver: a nationwide cohort study in Denmark

Der-Min Wu, Nain-Feng Chu, Muh-Han Shen, and **Jin-Biou Chang** 94 Plasma C-reactive protein levels and their relationship to anthropometric and lipid characteristics among children

Letter to the Editor

Mahbubur Rahman, Junichi Sakamoto, and **Tsuguya Fukui** 101 Conditional versus unconditional logistic regression in the medical literature

Number 2

Commentary

Pamela L. Hudak, Patricia McKeever, and **James G. Wright** 103 The metaphor of patients as customers: Implications for measuring satisfaction

Original Articles

Scott D. Halpern 109 Evaluating preference effects in partially unblinded, randomized clinical trials

Arnold B. Mitnitski, Alexander J. Mogilner, Janice E. Graham, and **Kenneth Rockwood** 116 Techniques for knowledge discovery in existing biomedical databases: Estimation of individual aging effects in cognition in relation to dementia

Mette Madsen, Michael Davidsen, Søren Rasmussen, Steen Z. Abildstrom, and **Merete Osler** 124 The validity of the diagnosis of acute myocardial infarction in routine statistics: A comparison of mortality and hospital discharge data with the Danish MONICA registry

David A. Cromwell, Kathy Eager, and **Roslyn G. Poulos** 131 The performance of instrumental activities of daily living scale in screening for cognitive impairment in elderly community residents

Richard H. Osborne, Graeme Hawthorne, Elizabeth A. Lew, and **Len C. Gray** 138 Quality of life assessment in the community-dwelling elderly: Validation of the Assessment of Quality of Life (AQoL) Instrument and comparison with the SF-36

Noreen Goldman, I-Fen Lin, Maxine Weinstein, and **Yu-Hsuan Lin** 148 Evaluating the quality of self-reports of hypertension and diabetes

Debbie A. Lawlor, Peter Jüni, Shah Ebrahim, and **Matthias Egger** 155 Systematic review of the epidemiologic and trial evidence of an association between antidepressant medication and breast cancer

John Buse, Patrizia Cavazzoni, Kenneth Hornbuckle, David Hutchins Alan Breier, and **Lois Jovanovic** 164 A retrospective cohort study of diabetes mellitus and antipsychotic treatment in the United States

Amanda J. Lee, Christine J. Evans, Paul L. Allan, C. Vaughan Ruckley, and **F. Gerald R. Fowkes** 171 Lifestyle factors and the risk of varicose veins: Edinburgh Vein Study

Yue Chen, Paul Stewart, Helen Johansen, Louise McRae, and **Gregory Taylor** 180 Sex difference in hospitalization due to asthma in relation to age

R.F. Gillum, and **Michael E. Mussolino** 188 Education, poverty, and stroke incidence in whites and blacks: The NHANES I Epidemiologic Follow-up Study

Isao Kato, Yutaka Kiyohara, Michiaki Kubo, Yumihiro Tanizaki, Hisatomi Arima, Hiromitsu Iwamoto, Noriyasu Shinohara, Keizo Nakayama, and **Masatoshi Fujishima** 196 Insulin-mediated effects of alcohol intake on serum lipid levels in a general population: The Hisayana Study

Letters to the Editor

Ralf Bender and **Oliver Kuss** 205 Confidence intervals for adjusted NNEs: A simulation study

Herbert J. A. Schouten 206 The ethics of sample size: Reaction to commentary

J. André Knottnerus and **Lex M. Bouter** 207 The ethics of sample size: The whole picture should be considered

Number 3

Original Articles

Massimo Costantini, Stefania Sciallero, Augusto Giannini, Beatrice Gatteschi, Paolo Rinaldi, Giuseppe Lanzanova, Luigina Bonelli, Tino Casetti, Elisabetta Bertinelli, Orietta Giuliani, Guido Castiglione, Paola Mantellini, Carlo Naldoni, Paolo Bruzzi, for the SMAC Workgroup 209 Interobserver agreement in the histologic diagnosis of colorectal polyps: The experience of the multicenter adenoma colorectal study (SMAC)

Victor Aboyans, Philippe Lacroix, Arnaud Lebourdon, Pierre-Marie Preux Jean Ferrières, and **Mare Laskar** 215 The intra- and interobserver variability of ankle–arm blood pressure index according to its mode of calculation

Vincent de Groot, Heleen Beckerman, Gustaaf J. Lankhorst, and **Lex M. Bouter** 221 How to measure comorbidity: A critical review of available methods

M. Soledad Cepeda, Ray Boston, John T. Farrar, and **Brian L. Strom** 230 Optimal matching with a variable number of controls vs. a fixed number of controls for a cohort study: Trade-offs

Mario Grassi, Cristiana Rezzani, Ginevra Biino, and **Alessandra Marinoni** 238 Asthma-like symptoms assessment through ECRHS screening questionnaire scoring

Theodore J. Witek Jr., and **Donald A. Mahler** 248 Meaningful effect size and patterns of response of the transition dyspnea index

Scott B. Patten, Feng Xiao Li, Tim Cook, Robert J. Hilsden, and **Lloyd R. Sutherland** 256 Irritable bowel syndrome: Are incentives useful for improving survey response rates?

Gosse de Jong, Lisette van Raak, Fons Kessels, and **Jan Lodder** 262 Stroke subtype and mortality: A follow-up study in 998 patients with a first cerebral infarct

Edith Schober, Birgit Rami, and **Thomas Waldhoer, for the Austrian Diabetes Incidence Study Group** 269 Small area variation in childhood diabetes mellitus in Austria: Links to population density, 1989 to 1999

Merete Osler, Anne Helms Andreasen, and **Susanne Hoidrup** 274 No inverse association between fish consumption and risk of death from all-causes, and incidence of coronary heart disease in middle-aged, Danish adults

Patricia Beck, Diane K. Wysowski, Winanne Downey, and **David Butler-Jones** 280 Statin use and the risk of breast cancer

Letters to the Editor

Milton Kotelchuck 286 Is the APNCU Index to study LBW biased or only the article by Koroukian and Rimm?

Siran M. Koroukian and **Alfred A. Rimm** 288 The APNCU Index to study LBW: Reply

Kenneth A. Mundt, Carol Bigelow and **Edwin van Wijngaarden** 291 Apportionment of disease in individuals

Patrick McElduff 291 Apportionment of disease in individuals: Reply

Number 4

Original Articles

Gerry Hill, James Connelly, Réjean Hébert, Joan Lindsay, and **Wayne Millar**	293	Neyman's bias re-visited
John Attia, Ammarin Thakkinstian, and **Catherine D'Este**	297	Meta-analyses of molecular association studies: Methodologic lessons for genetic epidemiology
Giselle Corbie-Smith, Catherine M. Viscoli, Walter N. Kernan, Lawrence M. Brass, Philip Sarrel, and **Ralph I. Horwitz**	304	Influence of race, clinical, and other socio-demographic features on trial participation
Stefan Müller-Lissner, Gary Koch, Nicholas J. Talley, Douglas Drossman, Peter Rueegg, Cornelia Dunger-Baldauf, and **Martin Lefkowitz**	310	Subject's Global Assessment of Relief: An appropriate method to assess the impact of treatment on irritable bowel syndrome-related symptoms in clinical trials
Jacek A. Kopec and **Kevin D. Willison**	317	A comparative review of four preference-weighted measures of health-related quality of life
Gerald M. Devins, Leendert C. Paul, Paul E. Barré, Henry Mandin, Kenneth Taub, and **Yitchak M. Binik**	326	Convergence of health ratings across nephrologists, nurses, and patients with high end-stage renal disease
Donald J. Slymen, John P. Elder, Alan J. Litrownik, Guadalupe X. Ayala, and **Nadia R. Campbell**	332	Some methodologic issues in analyzing data from a randomized adolescent tobacco and alcohol use prevention trial
Mirjam Moerbeek, Gerard J.P. van Breukelen, and **Martijn P.F. Berger**	341	A comparison between traditional methods and multilevel regression for the analysis of multicenter intervention studies
Areej Al-Wabil, Melinda A. Smith, Lemuel A. Moyé, W. Scott Burgin, and **Lewis B. Morgenstern**	351	Improving efficiency of stroke research: The Brain Attack Surveillance in Corpus Christi study
Andrew Mackinnon, Alireza Khalilian, Anthony F. Jorm, Ailsa E. Korten, Helen Christensen, and **Reinhild Mulligan**	358	Improving screening accuracy for dementia in a community sample by augmenting cognitive testing with informal report
Martien van Dongen, Erik van Rossum, Alphons Kessels, Hilde Sielhorst, and **Paul Knipschild**	367	Ginkgo for elderly people with dementia and age-associated memory impairment: A randomized clinical trial
Jim Young, Heiner Bucher, Peter Tschudi, Pierre Périat, Christa Hugenschmidt, and **Antje Welge-Lüssen**	377	The clinical diagnosis of acute bacterial rhinosinusitis in general practice and its therapeutic consequences
Angela Zacharasiewicz, Jeroen Douwes, and **Neil Pearce**	385	What proportion of rhinitis symptoms is attributable to atopy?

Letters to the Editors

Jørgen Hilden	391	Effect measures in biostatistics
Sander Greenland	392	Choosing sensible effect measures for practice and policy
Erratum	394	

Number 5

Original Articles

Ross D. Crosby, Ronette L. Kolotkin, and **G. Rhys Williams**	395	Defining clinically meaningful change in health-related quality of life
Anna-Bettina Haidich and **John P.A. Ioannidis**	408	Late-starter sites in randomized controlled trials
Giselle Corbie-Smith, Diane Marie M. St. George, Sandra Moody-Ayers, and **David F. Ransohoff**	416	Adequacy of reporting race/ethnicity in clinical trials in areas of health disparities
Valerie Burke, Nella Giangiulio, Helen F. Gilliam, Lawrie Beilin, and **Stephen Houghton**	421	Physical activity and nutrition programs for couples: A randomized controlled trial
Nicholas Moore, Pascale Tubert-Bitter, Anne Fourrier, and **Bernard Bégaud**	433	A simple method to estimate sample sizes for safety equivalence studies using inverse sampling
Dan Teculescu, Francis Guillemin, Jean-Marc Virion, Catherine Aubry, and **René Gueguen**	436	Reliability of the Wisconsin Sleep Questionnaire: A French contribution to international validation
Ewout W. Steyerberg, Sacha E. Bleeker, Henriëtte A. Moll, Diederick E. Grobbee, and **Karel G.M. Moons**	441	Internal and external validation of predictive models: A simulation study of bias and precision in small samples
Mattheus H.J. de Bruijne, Yvo W.J. Sijpkens, Leendert C. Paul, Rudi G.J. Westerndorp, Hans C. van Houwelingen and **Aeilko H. Zwinderman**	448	Predicting kidney graft failure using time-dependent renal function covariates
Peter T. Katzmarzyk, Angeo Tremblay, Louis Pérusse, Jean-Pierre Després, and **Claude Bouchard**	456	The utility of the international child and adolescent overweight guidelines for predicting coronary heart disease risk factors
Eric L. Hurwitz, Hal Morgenstern, and **Fei Yu**	463	Cross-sectional and longitudinal associations of low-back pain and related disability with psychological distress among patients enrolled in the UCLA Low-Back Pain Study
Dan K. Kiely and **Jonathan M. Flacker**	472	The protective effect of social engagement on 1-year mortality in a long-stay nursing home population
Robert D. Abbott, J. David Curb, Beatriz L. Rodriguez, Kamal H. Masaki, Jordan S. Popper, G. Webster Ross, and **Helen Petrovitch**	479	Age-related changes in risk factor effects on the incidence of thromboembolic and hemorrhagic stroke
Jessica A. Davila, Nancy J. Petersena, Harlan A. Nelson, and **Hashèm B. El-Serag**	487	Geographic variation within the United States in the incidence of hepatocellular carcinoma
Maria Puopolo, Anna Ladogana, Susanna Almonti, Nathalie Daude, Simona Bevivino, Rosella Petraroli, Anna Poleggi, Liu Quanguo, and **Maurizio Pocchiari**	494	Mortality trend from sporadic Creutzfeldt-Jakob disease (CJD) in Italy, 1993–2000

Number 6

Commentary

Rianne Oostenbrink, Karel G.M. Moons, Sacha E. Bleeker, Henriëtte A. Moll, and **Diederick E. Grobbee**	501	Diagnostic research on routine care data: Prospects and problems

Original Articles

Lydia A Chwastiak and **Michael Von Korff**	507	Disability in depression and back pain: Evaluation of the World Health Organization Disability Assessment Schedule (WHO DAS II) in a primary care setting
Elena Losina, Jane Barrett, John A. Baron, and **Jeffrey N. Katz**	515	Accuracy of Medicare claims data for rheumatologic diagnoses in total hip replacement recipients
Gbenga Ogedegbe, Carol A. Mancuso, John P. Allegrante, and **Mary E. Charlson**	520	Development and evaluation of a medication adherence self-efficacy scale in hypertensive African-American patients
K.L.L. Movig, H.G.M. Leufkens, A.W. Lenderink, and **A.C.G. Egberts**	530	Validity of hospital discharge International Classification of Diseases (ICD) codes for identifying patients with hyponatremia
Corinne Alberti, Fabien Métivier, Paul Landais, Eric Thervet, Christophe Legendre, and **Sylvie Chevret**	536	Improving estimates of event incidence over time in populations exposed to other events: Applications to three large databases
Yan Yan, Donald R. Hoover, Richard D. Moore, and **Chengjie Xion**	546	Multivariate estimation of cumulative incidence, prevalence, and morbidity time of a disease when death is likely
Peter D. Faris, William A. Ghali, and **Rollin Brant**	553	Bias in estimates of confidence intervals for health outcome report cards
Amy L. Byers, Heather Allore, Thomas M. Gill, and **Peter N. Peduzzi**	559	Application of negative binomial modeling for discrete outcomes: A case study in aging research
Mercedes R. Carnethon, Mary S. Anthony Wayne E. Cascio, Aaron R. Folsom, Pentti M. Rautaharju, Duanping Liao, Gregory W. Evans, and **Gerardo Heiss**	565	Prospective association between hormone replacement therapy, heart rate, and heart rate variability The Atherosclerosis Risk in Communities Study
Jersey Liang, Joan M. Bennett, Hidehiro Sugisawa, Erika Kobayashi, and **Taro Fukaya**	572	Gender differences in old age mortality: Roles of health behavior and baseline health status
J.A. Critchley, S. Capewell, and **B. Unal**	583	Life-years gained from coronary heart disease mortality reduction in Scotland: Prevention or treatment?
Selma Cvijetić, Irena Colić Barić, Slobodanka Bolanča, Vesna Jureša, and **Darinka Dekanić Ožegović**	591	Ultrasound bone measurement in children and adolescents Correlation with nutrition, puberty, anthropometry, and physical activity
Aaron R. Folsom, Mary Cushman, Susan R. Heckbert, Wayne D. Rosamond, and **Nena Aleksic**	598	Prospective study of fibrinolytic markers and venous thromboembolism
Erratum	604	

Number 7

Original Articles

Jenny L. Donovan, Tim J. Peters, Sian Noble, Philip Powell, David Gillatt, Steven E. Oliver, J. Athene Lane, David E. Neal, Freddie C. Hamdy, for the ProtecT Study Group	605	Who can best recruit to randomized trials? Randomized trial comparing surgeons and nurses recruiting patients to a trial of treatments for localized prostate cancer (the ProtecT study)
Ingeborg van der Tweel and **Paulus A.H. van Noord**	610	Early stopping in clinical trials and epidemiologic studies for "futility": Conditional power versus sequential analysis

Bruno Falissard, Mickael Lukasiewicz, and **Emmanuelle Corruble**	618	The MDP75: A new approach in the determination of the minimal clinically meaningful difference in a scale or a questionnaire
Shari S. Bassuk and **Jane M. Murphy**	622	Characteristics of the Modified Mini-Mental State Exam among elderly persons
Patricia C. Valery, David M. Purdie, Anne B. Chang, Ian B. Masters, and **Adèle Green**	629	Assessment of the diagnosis and prevalence of asthma in Australian Indigenous children
Mathew J. Reeves, Janet Rose Osuch, and **Dorothy R. Pathak**	636	Development of a clinical decision rule for triage of women with palpable breast masses
Thomas D. Rea, David S. Siscovick, Bruce M. Psaty, Rachel M. Pearce, Trivellore E. Raghunathan, Eric A. Whitsel, Leonard A. Cobb, Sheila Weinmann, Gail D. Anderson, Patrick Arbogast, and **Danyu Lin**	646	Digoxin therapy and the risk of primary cardiac arrest in patients with congestive heart failure: Effect of mild–moderate renal impairment
Linda J. Carroll, J. David Cassidy, and **Pierre Côté**	651	Factors associated with the onset of an episode of depressive symptoms in the general population
Vianda S. Stel, Jan H. Smit, Saskia M.F. Pluijm, and **Paul Lips**	659	Balance and mobility performance as treatable risk factors for recurrent falling in older persons
Eva von Strauss, Hedda Agüero-Torres, Ingemar Kåreholt, Bengt Winblad, and **Laura Fratiglioni**	669	Women are more disabled in basic activities of daily living than men only in very advanced ages: A study on disability, morbidity, and mortality from the Kungsholmen Project
Gertraud Maskarinec, Ian S. Pagano, Gladys Yamashiro, and **Brian F. Issell**	678	Influences of ethnicity, treatment, and comorbidity on breast cancer survival in Hawaii
Jasmanda H. Wu, Mary N. Haan, Jersey Liang, Debashis Ghosh, Hector M. Gonzalez, and **William H. Herman**	686	Impact of diabetes on cognitive function among older Latinos: A population-based cohort study
Gordon Lowe, Mark Woodward, Ann Rumley, Caroline Morrison, Hugh Tunstall-Pedoe, and **Kenneth Stephen**	694	Total tooth loss and prevalent cardiovascular disease in men and women: Possible roles of citrus fruit consumption, vitamin C, and inflammatory and thrombotic variables
P. Sánchez-Porro Valadés, M. Posada de la Paz, P. de Andrés Copa, O. Gimenez Ribota, and **I. Abaitua Borda**	701	Toxic oil syndrome: Survival in the whole cohort between 1981 and 1995

Number 8

Commentary

Martin H. Prins and **Harry R. Büller**	709	When do we need what evidence?

Original Articles

Scott B. Patten	711	International differences in major depression prevalence: What do they mean?
Andrew J. Vickers	717	Underpowering in randomized trials reporting a sample size calculation

Norma Terrin, Christopher H. Schmid, John L. Griffith, Ralph B. D'Agostino and **Harry P. Selker**	721	External validity of predictive models: A comparison of logistic regression, classification trees, and neural networks
Robert G. Marx, Alia Menezes, Lois Horovitz, Edward C. Jones, and **Russell F. Warren**	730	A comparison of two time intervals for test-retest reliability of health status instruments
Kenneth Rockwood, Susan Howlett, Karen Stadnyk, Daniel Carver, Colin Powell, and **Paul Stolee**	736	Responsiveness of goal attainment scaling in a randomized controlled trial of comprehensive geriatric assessment
Satoshi Morita, Yasuo Ohashi, Kunihiko Kobayashi, Taketoshi Matsumoto Kenji Eguchi, Masahiko Shibuya, Yasufumi Yamaji, Masahiro Fukuoka, Keiichi Nagao, Hisanobu Niitani, for the West and East CPT-11 Lung Cancer Study Groups	744	Individually different "weights" of quality of life assessment in patients with advanced nonsmall-cell lung cancer
Wolfram Windisch, Klaus Freidel, Bernd Schucher, Hansjörg Baumann, Matthias Wiebel, Heinrich Matthys, and **Franz Petermann**	752	The Severe Respiratory Insufficiency (SRI) Questionnaire: A specific measure of health-related quality of life in patients receiving home mechanical ventilation
Linda J. Carroll, J. David Cassidy, and **Pierre Côté**	651	Factors associated with the onset of an episode of depressive symptoms in the general population
Donna McClish, Lynne Penberthy, and **Amy Pugh**	760	Using Medicare claims to identify second primary cancers and recurrences in order to supplement a cancer registry
Yechiam Ostchega, Ronald J. Prineas, Ryne Paulose-Ram, Carlene M. Grim, Grace Willard, and **Doreen Collins**	768	National Health and Nutrition Examination Survey 1999-2000: Effect of observer training and protocol standardization on reducing blood pressure measurement error
Harald Herkner, Jana Thoennissen, Mariam Nikfardjam, Maria Koreny, Anton N. Laggner, and **Marcus Müllner**	775	Short versus prolonged bed rest after uncomplicated acute myocardial infarction: A systematic review and meta-analysis
Andrea L. Benedetti, Jean Paul Collet, Jean-Francois Boivin, and **James A. Hanley**	782	Effect of nonsteroidal anti-inflammatory drugs on stage of colon cancer at diagnosis
J. Elliott, T. Beringer, F. Kee, D. Marsh, C. Willis, and **M. Stevenson**	788	Predicting survival after treatment for fracture of the proximal femur and the effect of delays to surgery
Loren Lipworth, Søren Friis, Lene Mellemkjær, Lisa B. Signorello, Søren P. Johnsen, Gunnar L. Nielsen, Joseph K. McLaughlin, William J. Blot, and **Jørgen H. Olsen**	796	A population-based cohort study of mortality among adults prescribed paracetamol in Denmark
Brian C. Lund, Elizabeth A. Chrischilles, Barry L. Carter, Michael E. Ernst, and **Paul J. Perry**	802	Development of a computer algorithm for defining an active drug list using an automated pharmacy database
Ira B. Tager, Thaddeus J. Haight, Milton Hollenberg, and **William A. Satariano**	807	Physical functioning and mortality in older women: An assessment of energy costs and level of difficulty

Letters to the Editor

Yin-Bun Cheung	814	Analysis of matched case-control data
Mahbubur Rahman	814	Analysis of matched case-control data: Author reply

Number 9

Commentary

Miquel Porta, Esteve Fernandez, and **Joan Alguacil** 815 Semiology, proteomics, and the early detection of symptomatic cancer

Original Articles

Salvador Pita-Fernández, Carmen Montero-Martinez, Sonia Pértega-Diaz, and **Hector Verea-Hernando** 820 Relationship between delayed diagnosis and the degree of invasion and survival in lung cancer

S.E. Bleeker, H.A. Moll, E.W. Steyerberg, A.R.T. Donders, G. Derksen-Lubsen, D.E. Grobbee, and **K.G.M. Moons** 826 External validation is necessary in prediction research: A clinical example

C.C. Wright and **J. Sim** 833 Intention-to-treat approach to data from randomized controlled trials: A sensitivity analysis

Crispin Jenkinson, Ray Fitzpatrick, Josephine Norquist, Leslie Findley, and **Kim Hughes** 843 Cross-cultural evaluation of the Parkinson's Disease Questionnaire: Tests of data quality, score reliability, response rate, and scaling assumptions in the United States, Canada, Japan, Italy, and Spain

L. Sung, M.L. Greenberg, N.L. Young, M. McLimont, S. Ingber, J. Rubenstein, J. Wong, T. Samanta, J.J. Doyle, A.M. Stain, and **B.M. Feldman** 848 Validity of a modified standard gamble elicited from parents of a hospital-based cohort of children

Beverly Rockhill, Celia Byrne, Bernard Rosner, Mary M. Louie, and **Graham Colditz** 856 Breast cancer risk prediction with a log-incidence model: Evaluation of accuracy

Deborah B. Nelson, Scarlett Bellamy, Terri S. Gray, and **Irving Nachamkin** 862 Self-collected versus provider-collected vaginal swabs for the diagnosis of bacterial vaginosis: An assessment of validity and reliability

Melissa R. Partin, Michael Malone, Mary Winnett, Jonathan Slater, Annette Bar-Cohen, and **Lee Caplan** 867 The impact of survey nonresponse bias on conclusions drawn from a mammography intervention trial

Denise L. Jacobson, Albert W. Wu, Judith Feinberg, for the Outcomes Committee of the Adult AIDS Clincal Trials Group 874 Health-related quality of life predicts survival, cytomegalovirus disease, and study retention in clinical trial participants with advanced HIV disease

Lloyd E. Chambless, Aaron R. Folsom, A. Richey Sharrett, Paul Sorlie, David Couper, Moyses Szklo, F. Javier Nieto 880 Coronary heart disease risk prediction in the Atherosclerosis Risk in Communities (ARIC) study

T. Waldhoer, A. Berzlanovich, C. Vutuc, and **G. Haidinger** 891 Rates of postmortem examination in Austria: The effect of distance between location of death and site of examination

Joyce C. Pressley, Charlotte Trott, Ming Tang, Maureen Durkin, and **Yaakov Stern** 896 Dementia in community-dwelling elderly patients: A comparison of survey data, medicare claims, cognitive screening, reported symptoms, and activity limitations

Claire Zizza, Amy Herring, Marisa Domino, Pamela Haines, June Stevens, and **Barry M. Popkin** 906 The effect of weight change on nursing care facility admission in the NHANES I Epidemiologic Followup Survey

Renee D. Goodwin 914 The prevalence of panic attacks in the United States: 1980 to 1995

Letters to the Editors

Henrica C.W. de Vet, Maurits W. van Tulder, and **Lex M. Bouter** 917 Levels of evidence: Intellectual aid or absolute judgement?

Paulo H. Ferreira, Manuela L. Ferreira, Christopher G. Maher, Kathryn Refshauge, Robert Herbert, and **Jane Latimer** 919 Author reply: Levels of evidence

Abstracts

Number 10

Variance and Dissent

Dwayne Van Eerd, Dorcas Beaton, Donald Cole, Julie Lucas, Sheilah Hogg-Johnson, and **Claire Bombardier** 925 Classification systems for upper-limb musculoskeletal disorders in workers: a review of the literature

Nortin M. Hadler 937 The semiotics of "upper limb musculoskeletal disorders in workers"

Dwayne Van Eerd, Dorcas Beaton, Claire Bombardier, Donald Cole, and **Sheilah Hogg-Johnson** 940 Classifying the forest or the trees?

Original Articles

Margaret Sampson, Nicholas J. Barrowman, David Moher, Terry P. Klassen, Ba' Pham, Robert Platt, Philip D. St. John, Raymond Viola, and **Parminder Raina** 944 Should meta-analysts search Embase in addition to Medline?

Laurence S. Magder and **Alan D. Fix** 957 Optimal choice of a cut point for a quantitative diagnostic test performed for research purposes

Ronir Raggio Luiz, Antonio José Leal Costa, Pauline Lorena Kale, and **Guilherme L. Werneck** 964 Assessment of agreement of a quantitative variable: a new graphical approach

Jean Mundahl Engels and **Paula Diehr** 969 Imputation of missing longitudinal data: a comparison of methods

Behrouz Kassai, François Gueyffier, Jean-Pierre Boissel, Florent Boutitie, and **Michel Cucherat** 978 Absolute benefit, number needed to treat and gain in life expectancy: which efficacy indices for measuring the treatment benefit?

Michael E. Reichenheim 984 Weighing gains and losses in criterion validity studies with test-based enrollment

Douglas Coyle, Martin J. Buxton, and **Bernie J. O'Brien** 990 Measures of importance for economic analysis based on decision modeling

Irene E. Olsen, Douglas K. Richardson, Christopher H. Schmid, Lynne M. Ausman, and **Johanna T. Dwyer** 999 The impact of early transfer bias in a growth study among neonatal intensive care units

M.J. van Gorp, E.W. Steyerberg, M. Kallewaard, and **Y. van der Graaf** — 1007 Clinical prediction rule for 30-day mortality in Björk-Shiley convexo-concave valve replacement

Adriana Pérez, Rodolfo J. Dennis, Benigno Rodríguez, Amparo Y. Castro, Victor Delgado, Juan Manuel Lozano, and **Maria Clara Castro** — 1014 An interrupted time series analysis of parenteral antibiotic use in Colombia

Mutsuhiro Nakao and **Eiji Yano** — 1022 Reporting of somatic symptoms as a screening marker for detecting major depression in a population of Japanese white-collar workers

Letter to the Editors

M.L. Russell, D.R. Mutasingwa, M.J. Verhoef, and **H.S. Injeyan** — 1028 Effect of a monetary incentive on chiropractors' response rate and time to respond to a mail survey

Number 11

Editorial

J. André Knottnerus and **Peter Tugwell** — 1029 Standards for Reporting of Diagnostic Accuracy (STARD)

Original Articles

George Peat, Laurence Wood, Ross Wilkie, and **Elaine Thomas, for the KNE-SCI Study Group** — 1030 How reliable is structured clinical history-taking in older adults with knee problems? Inter- and intraobserver variability of the KNE-SCI

Kathleen M. Hayden, Ara S. Khachaturian, JoAnn T. Tschanz, Chris Corcoran, Maria Nortond, and **John C.S. Breitner, for the Cache County Study Group** — 1038 Characteristics of a two-stage screen for incident dementia

Chris Blanchard, David Feeny, Jeffrey L. Mahon, Robert Bourne, Cecil Rorabeck, Larry Stitt, and **Susan Webster-Bogaert** — 1046 Is the Health Utilities Index responsive in total hip arthroplasty patients?

J. Ankri, B. Beaufils, J.-L. Novella, I. Morrone, F. Guillemin, D. Jolly, L. Ploton, and **F. Blanchard** — 1055 Use of the EQ-5D among patients suffering from dementia

Steven T. Fleming, Kevin A. Pearce, Kathleen McDavid, and **Dmitri Pavlov** — 1064 The development and validation of a comorbidity index for prostate cancer among Black men

A.M. Davis, E.M. Badley, D.E. Beaton, J. Kopec, J.G. Wright, N.L. Young, and **J.I. Williams** — 1076 Rasch analysis of the Western Ontario McMaster (WOMAC) Osteoarthritis Index: results from community and arthroplasty samples

S.C. Howard and **P.M. Rothwell, on behalf of the Cerebrovascular Cohort Studies Collaboration** — 1084 Regression dilution of systolic and diastolic blood pressure in patients with established cerebrovascular disease

Robin Waxman, Helen Woodburn, Melanie Powell, Jim Woodburn, Susan Blackburn, and **Philip Helliwell** — 1092 FOOTSTEP: a randomized controlled trial investigating the clinical and cost effectiveness of a patient self-management program for basic foot care in the elderly

Ilana F. Gareen, Hal Morgenstern, Sander Greenland, and **Deidre Spelliscy Gifford** — 1100 Explaining the association of maternal age with Cesarean delivery for nulliparous and parous women

Milton Hollenberg, Tad Haight, and **Ira B. Tager** — 1111 Depression decreases cardiorespiratory fitness in older women

Diagnostic Research Methods

J. André Knottnerus and **J.W. Muris** 1118 Assessment of the accuracy of diagnostic tests: the cross-sectional study

Afina S. Glas, Jeroen G. Lijmer, Martin H. Prins, Gouke J. Bonsel, and **Patrick M.M. Bossuyt** 1129 The diagnostic odds ration: a single indicator of test performance

Number 12

Variance and Dissent

Henrica C.W. de Vet, Caroline B. Terwee, and **Lex M. Bouter** 1137 Current challenges in clinimetrics

David L. Streiner 1142 Clinimetrics vs. psychometrics: an unnecessary distinction

Henrica C.W. de Vet, Caroline B. Terwee, and **Lex M. Bouter** 1146 Clinimetrics and psychometrics: two sides of the same coin

David L. Streiner 1148 Test development: two-sided coin or one-sided Möbius strip?

Original Articles

Brent Graham, Glenn Regehr, and **James G. Wright** 1150 Delphi as a method to establish consensus for diagnostic criteria

Ffion Lloyd-Williams, Frances Mair, Christopher Shiels, Barbara Hanratty, Pauline Goldstein, Susan Beaton, Simon Capewell, Michael Lye, Ruth McDonald, Christopher Roberts, and **Derek Connelly** 1157 Why are patients in clinical trials of heart failure not like those we see in everyday practice?

G.C. Wanda Wendel-Vos, A. Jantine Schuit, Wim H.M. Saris, and **Daan Kromhout** 1163 Reproducibility and relative validity of the Short Questionnaire to Assess Health-enhancing physical activty

Holger J. Schünemann, Lauren Griffith, Roman Jaeschke, Roger Goldstein, David Stubbing. and **Gordon H. Guyatt** 1170 Evaluation of the minimal important difference for the feeling thermometer and the St. George's Respiratory Questionnaire in patients with chronic airflow obstruction

Jeannette G. van Manen, Patrick J.E. Bindels, Friedo W. Dekker, Bernardus J.A.M. Bottema, Jaring S. van der Zee, C. Joris Ijzermans, and **Egbert Schadé** 1177 Influence of COPD on health-related quality of life independent of the influence of comorbidity

Hermann Brenner and **Timo Hakulinen** 1185 On crude and age-adjusted relative survival rates

Rosa Lamarca, Montserrat Ferrer, Per Kragh Anderson, Knut Liestol, Niels Keiding. and **Jordi Alonso** 1192 A changing relationship between disability and survival in the elderly population: differences by age

Janet S. Huang, Shou-En Lu, and **Cande V. Anath** 1202 The clustering of neonatal deaths in triplet pregnancies: application of response conditional multivariate logistic regression models

William M. McClellan, Lee Millman, Rodney Presely, John Couzins, and **W. Dana Flanders** 1209 Improved diabetes care by primary care physicians: results of a group-randomized evaluation of the Medicare Health Care Quality Improvement Program (HCQIP)

Judith M. Graat, Evert G. Schouten, Marie-Louise A. Jeijnen, Frans J. Kok, Esther G.M. Pallast, Sabine C. de Greeff, and **J. Wendelien Dorigo-Zetsma** 1217 A prospective community-based study on virologic assessment among elderly people with and without symptoms of acute respiratory infection

Paula Diehr and **Shirley A.A. Beresford** 1223 The relation of dietary patterns to future survival, health, and cardiovascular events in older adults

Robert M. Centor, Jeroan J. Allison, Norman W. Weissmann, John Canto, Gustavo Heudebert, Lucia Juarez, and **Catarina I. Kiefe** 1235 Diffusion of troponin testing in unstable angina patients: adoption prior to guideline release

1244 Author Index

1248 Contents of Volume 56